

## ABSTRACT

An active system routing device, upon receiving a location registration request sent from a mobile node, forwards the received location registration request to a standby system routing device. The standby system routing device stores a home address and a care-of address of the mobile node in a way that maps these addresses to each other based on the location registration request received from the active system routing device, monitors a status of the active system routing device and, upon detecting a fault of the active system routing device, executes switching over the self-device to an active system.